Oct 07 11

Time: 5:35pm-6:10pm

**-General Feedback**

\*Update documents, upload to blackboard

     \*Ordering parts: Wait until after interim design

     \*Documents: If make changes ==> resubmit document

     \*Include Project Title

     \*Indicate ECE students, ME students

     \*NAPS: Electronic version, changes made from Dr. Kumar

          ~Constraints divided by section

     \*Project specs

          ~Quality function figure 2 problem, must have units. Translate requirements into engineering requirements. Make changes, resubmit.

          ~Otherwise good.

     \*Website should be up by Nov 17

          ~All deliverables

          ~General team information

          ~Media, documentation

     \*Take competition out of project name

     \*Experimental design validation between concept generation and interim design

     \*

**-Team Advisors**

\*Minutes sent to advisors

     \*Meeting summarized, minutes compiled

     \*Professionalism

**-Next Week Presentation**

     \*Different design ideas from brainstorm: how to pick which design is best

     \*20 minutes

     \*2-3 slides needs specs

     \*Design presentation

     \*Engineering method to pick one design over the other

     \*Document: due on Thursday night or Friday

     \*Three different concepts minimum, no selection, just generation

     \*Selection criteria

     \*Brainstorm every possible design for mission completion

     \*Not selected design at this time

     \*Do not stick with one design at this time

     \*Sub system design concept depth

     \*Comparison of different components

     \*Must be able to do engineering analysis on components

     \*Modular design concept based on engineering modeling, validation, testing

**-Interim Design**

     \*Modeling design

     \*Experimental validation

     \*Electrical validation

     \*Pick actual design

     \*Simulations

     \*Design testing and analysis

**-Final Design**

\*Refinement of interim design

     \*Final design